MAYO CLINIC LABORATORIES

Test Definition: HIPA

Hippuric Acid, Urine

Overview

Method Name
Colorimetry (C)
High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

NY State Available
Yes

Specimen

Specimen Type
Urine

Specimen Required
*****Must submit one specimen per order. Specimens cannot be shared between multiple orders.*****
Specimen Type: Urine
Container/Tube: Plastic preservative-free urine container
Specimen Volume: 2 mL
Collection Instructions:
1. Collect 2 mL random urine specimen in a plastic preservative-free urine container at end of shift.
2. Send refrigerate.
NOTE: The acidification of the urine with 1.0 mL acetic acid per 100 mL urine will prolong the stability of the analyte.

Specimen Minimum Volume
1.1 mL

Reject Due To

All specimens will be evaluated by the processing and performing laboratories for test suitability.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	30 days	
	Ambient	5 days	
	Frozen	30 days	

Clinical & Interpretive

Clinical Information

Refer to www.nmslabs.com/test-catalog

Reference Values

Reporting limit determined each analysis

Creatinine:
U.S. Population (10th-90th percentiles, median)
All participants: 335-2370 mg/L, median: 1180 (n=22,245)
Males: 495-2540 mg/L, median: 1370 (n=10,610)
Females: 273-2170 mg/L, median 994 (n=11,635)

Hippuric Acid:
Normal for unexposed populations is generally less than 1.6 g/L.

Hippuric Acid (Creatinine corrected):
Normal for unexposed populations is generally less than 1.5 g/g creatinine.

Specific Gravity Confirmation:
Physiologic range: 1.010-1.030

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

9 to 16 days

Specimen Retention Time

2 weeks

Performing Laboratory Location

NMS Labs

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.

- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

82570
83921
81002 (if appropriate)

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
HIPA	Hippuric Acid, U	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z1305	Creatinine	2161-8
Z1341	Reporting Limit	19147-8
Z1309	Hippuric Acid	6709-0
Z1342	Reporting Limit	19147-8
Z1306	Hippuric Acid(Creatinine corrected)	13754-7
Z1343	Reporting Limit	19147-8
Z2513	Specific Gravity Confirmation	In Process